

| Ref # | Hits | Search Query                                                                                                                                                    | DBs                      | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|---------|------------------|
| L4    | 10   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 ((data OR object\$1) near2 template\$1) near5 cach\$3                  | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 09:34 |
| L5    | 73   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 ((data OR object\$1) near2 source\$1) near5 cach\$3                    | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 10:31 |
| L6    | 7    | (cach\$3 near5 invalidat\$3) near5 (source\$1 near4 (chang\$3 OR differen\$2 OR another OR switch\$2))                                                          | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 14:38 |
| L7    | 2    | (cach\$3 near5 invalidat\$3) near5 (source\$1 near6 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT L6                                                   | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 09:45 |
| L8    | 17   | (cach\$3 near5 invalidat\$3) near5 ((source\$1 OR server\$1 OR JVM OR JVMs) near6 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7)             | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 09:47 |
| L9    | 12   | (cach\$3 near5 invalidat\$3) near5 ((source\$1 OR server\$1 OR JVM OR JVMs) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7)             | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 12:58 |
| L10   | 53   | (cach\$3 near5 invalidat\$3) SAME ((source\$1 OR server\$1 OR JVM OR JVMs) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7 OR L9)        | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 09:52 |
| L11   | 6    | (cach\$3 near5 invalidat\$3) WITH ((source\$1 OR server\$1 OR JVM OR JVMs) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7 OR L9)        | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 09:55 |
| L12   | 47   | (cach\$3 near5 invalidat\$3) SAME ((source\$1 OR server\$1 OR JVM OR JVMs) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7 OR L9 OR L11) | US-PGPUB; USPAT; IBM_TDB | OR               | ON      | 2005/12/01 13:25 |

|     |      |                                                                                                                                                                                                                |                          |    |     |                  |
|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----|-----|------------------|
| L13 | 269  | ((cach\$3 near5 invalidat\$3) SAME ((CPU\$1 OR Processor\$1 OR microprocessor\$1 OR microcontroller\$1 OR controller\$1) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7 OR L9 OR L11)  | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:03 |
| L14 | 7192 | ((709/203) or (709/213) or (709/214) or (709/215) or (790/216)).CCLS.                                                                                                                                          | US-PGPUB; USPAT; IBM_TDB | OR | OFF | 2005/12/01 10:03 |
| L15 | 3641 | ((711/118) or (711/133) or (711/134) or (711/144) or (711/145)).CCLS.                                                                                                                                          | US-PGPUB; USPAT; IBM_TDB | OR | OFF | 2005/12/01 10:03 |
| L16 | 93   | L13 AND (L14 OR L15)                                                                                                                                                                                           | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:03 |
| L17 | 40   | ((cach\$3 near5 invalidat\$3) near6 ((CPU\$1 OR Processor\$1 OR microprocessor\$1 OR microcontroller\$1 OR controller\$1) near3 (chang\$3 OR differen\$2 OR another OR switch\$2)) NOT (L6 OR L7 OR L9 OR L11) | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:03 |
| L19 | 17   | L12 AND (L14 OR L15)                                                                                                                                                                                           | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:10 |
| L20 | 821  | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (((data OR object\$1) near2 source\$1) OR server\$1) near5 cach\$3                                                    | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:39 |
| L21 | 220  | L20 AND (L14 OR L15)                                                                                                                                                                                           | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:32 |
| L22 | 194  | L20 AND (L14 OR L15) NOT L5                                                                                                                                                                                    | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:32 |
| L23 | 435  | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (application\$1) near5 cach\$3                                                                                        | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 11:35 |
| L24 | 53   | L23 AND (L15 OR L15)                                                                                                                                                                                           | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:49 |
| L25 | 137  | ((key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (application\$1 OR software OR program\$1) near5 cach\$3) AND (L14 OR L15) NOT L24                                   | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/12/01 10:49 |

|     |     |                                                                                                                                                                                                                                                         |                                |    |    |                  |
|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|------------------|
| L26 | 37  | L23 AND (L15 OR L14) NOT L24                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 10:49 |
| L27 | 126 | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR indicat\$3) near5 ((data OR object\$1 OR file\$1 OR datum) near3 (version\$3 OR edition\$1)) near5 cach\$3                                                                                      | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 12:40 |
| L28 | 37  | L27 AND (L14 OR L15)                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 11:39 |
| L30 | 102 | ((differen\$3 OR dissimilar\$2 OR distinct\$3 OR varian\$2 OR another) near4 (key\$1 OR identif\$4 OR ID OR IDs OR identification OR indicat\$3)) near5 (data OR object\$1 OR file\$1 OR datum) near5 cach\$3                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 12:10 |
| L31 | 41  | L30 AND (L14 OR L15)                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 12:02 |
| L32 | 33  | ((differen\$3 OR dissimilar\$2 OR distinct\$3 OR varian\$2 OR another) near4 (key\$1 OR identif\$4 OR ID OR IDs OR identification OR indicat\$3)) WITH (data OR object\$1 OR file\$1 OR datum) WITH cach\$3) AND (L14 OR L15) NOT L31                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 12:11 |
| L35 | 8   | (cach\$3 near5 invalidat\$3) SAME ((source\$1 OR server\$1 OR JVM OR JVMs) near3 (chang\$3 OR differen\$2 OR another OR switch\$2 OR mov\$3 OR replace\$3 OR swap\$1 OR swapp\$3)) NOT (L6 OR L7 OR L9 OR L11 OR L12)                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 13:45 |
| L36 | 31  | (cach\$3 near5 invalidat\$3) SAME ((source\$1 OR server\$1 OR JVM OR JVMs) near5 (chang\$3 OR differen\$2 OR another OR switch\$2 OR mov\$3 OR replace\$3 OR swap\$1 OR swapp\$3)) NOT (L6 OR L7 OR L9 OR L11 OR L12 OR L35)                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 14:36 |
| L37 | 531 | ((request\$3 OR quer\$4 OR inquir\$3 OR enquir\$3 OR ask\$3) near4 (key\$1 OR identif\$4 OR ID OR IDs OR identification OR indicat\$3)) near5 cach\$3 near8 (compar\$4 OR match\$3 OR hit\$1 OR correlat\$3 OR correspond\$3 OR concur\$3 OR affirm\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 14:57 |
| L38 | 175 | L37 AND (L14 OR L15)                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 14:58 |

|     |       |                                                                                                                                                                                                                                                         |                                |    |     |                  |
|-----|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|-----|------------------|
| L39 | 636   | ((request\$3 OR quer\$4 OR inquir\$3 OR enquir\$3 OR ask\$3) near5 cach\$3) near5 (key\$1 OR identif\$4 OR ID OR IDs OR identification OR indicat\$3) near8 (compar\$4 OR match\$3 OR hit\$1 OR correlat\$3 OR correspond\$3 OR concur\$3 OR affirm\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:58 |
| L40 | 209   | L39 AND (L14 OR L15)                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:58 |
| L41 | 81    | L39 AND (L14 OR L15) AND 711/118.ccls.                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:59 |
| S1  | 945   | (711/133).CCLS.                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/29 14:23 |
| S2  | 60    | URL AND S1                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 14:23 |
| S3  | 7185  | ((709/203) or (709/213) or (709/214) or (709/215) or (790/216)).CCLS.                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/29 14:23 |
| S4  | 213   | (345/557).CCLS.                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/29 14:23 |
| S5  | 3634  | ((711/118) or (711/133) or (711/134) or (711/144) or (711/145)).CCLS.                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/29 14:28 |
| S6  | 37097 | URL OR (Uniform ADJ Resource ADJ Locator\$1)                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:22 |
| S7  | 6     | zeng-zheng.in.                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 14:35 |
| S8  | 3     | ling-shu.in.                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 14:39 |
| S9  | 37    | liu-xiang.in.                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 14:53 |
| S10 | 2467  | cach\$3 near4 ((data ADJ object\$1) OR (web OR internet OR html OR htm) ADJ (site\$1 OR page\$1 OR document\$1))                                                                                                                                        | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 16:49 |

|     |       |                                                                                                                                                                                            |                                |    |     |                  |
|-----|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|-----|------------------|
| S11 | 125   | ((primary OR main OR prevail\$3 OR predominant\$2 OR significant\$2 OR important OR fundamental OR principle) near3 (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3)) near5 S6  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 16:49 |
| S12 | 1     | S10 near4 S11                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:11 |
| S13 | 1     | S10 SAME S11                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:15 |
| S14 | 3     | S10 AND S11                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:24 |
| S15 | 49749 | URL OR (Uniform ADJ Resource ADJ Locator\$1) OR ((web OR internet) near2 address\$2)                                                                                                       | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:23 |
| S16 | 134   | ((primary OR main OR prevail\$3 OR predominant\$2 OR significant\$2 OR important OR fundamental OR principle) near3 (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3)) near5 S15 | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:24 |
| S17 | 4     | S10 AND S16                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 15:24 |
| S18 | 0     | ("2002/0116582").URPN.                                                                                                                                                                     | USPAT                          | OR | ON  | 2005/11/29 15:43 |
| S19 | 34912 | cach\$3 near4 ((data ADJ object\$1) OR (web OR internet OR html OR htm) ADJ (site\$1 OR page\$1 OR document\$1) OR data OR object\$1)                                                      | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 16:49 |
| S20 | 14523 | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 S6                                                       | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 16:58 |
| S21 | 99    | S19 near4 S20                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/29 16:58 |
| S22 | 7185  | ((709/203) or (709/213) or (709/214) or (709/215) or (790/216)).CCLS.                                                                                                                      | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/30 09:28 |
| S23 | 3634  | ((711/118) or (711/133) or (711/134) or (711/144) or (711/145)).CCLS.                                                                                                                      | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | OFF | 2005/11/30 09:28 |
| S24 | 37097 | URL OR (Uniform ADJ Resource ADJ Locator\$1)                                                                                                                                               | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON  | 2005/11/30 09:28 |

|     |        |                                                                                                                                                                                                    |                          |    |     |                  |
|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----|-----|------------------|
| S25 | 34912  | cach\$3 near4 ((data ADJ object\$1) OR (web OR internet OR html OR htm) ADJ (site\$1 OR page\$1 OR document\$1) OR data OR object\$1)                                                              | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 17:29 |
| S26 | 14523  | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 S24                                                              | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:43 |
| S27 | 30     | (S25 near4 S26) AND (S22 OR S23)                                                                                                                                                                   | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:45 |
| S28 | 1      | ("20030093645").PN.                                                                                                                                                                                | US-PGPUB; USPAT; IBM_TDB | OR | OFF | 2005/11/30 14:03 |
| S29 | 189600 | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs)                     | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:52 |
| S30 | 6      | (S25 near4 S29) AND (S22 OR S23)                                                                                                                                                                   | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:48 |
| S31 | 17     | (S25 SAME S29) AND (S22 OR S23) NOT (S30)                                                                                                                                                          | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 17:16 |
| S32 | 193328 | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs OR RFID OR RFIDs)    | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 17:17 |
| S33 | 660    | S32 AND (S22 OR S23)                                                                                                                                                                               | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:53 |
| S34 | 173492 | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (address\$2 OR street\$1 OR city OR cities OR (zip ADJ code\$1)) | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 17:47 |
| S35 | 4791   | S34 AND (S22 OR S23)                                                                                                                                                                               | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 16:57 |
| S36 | 306    | S35 AND S33                                                                                                                                                                                        | US-PGPUB; USPAT; IBM_TDB | OR | ON  | 2005/11/30 17:06 |

|     |        |                                                                                                                                                                                                                                        |                                |    |    |                  |
|-----|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|------------------|
| S37 | 90074  | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (date\$1 OR month\$1 OR year\$1 OR day\$1)                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 16:58 |
| S38 | 829    | S37 AND (S22 OR S23)                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 16:58 |
| S39 | 82     | S36 AND S38                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 16:58 |
| S40 | 32     | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (security ADJ symbol\$1)                                                                             | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:09 |
| S42 | 2432   | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR ((data OR cach\$3) ADJ ID\$1)) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs OR RFID OR RFIDs) near5 (attribute OR common OR shar\$3) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:27 |
| S43 | 39     | S42 AND (S22 OR S23)                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:21 |
| S44 | 222214 | (key\$1 OR identif\$4 OR mark\$3 OR point\$3 OR indicat\$3 OR ID OR IDs OR identification OR attribute\$1 OR common\$2 OR shar\$3) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs OR RFID OR RFIDs OR SKU)                          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:34 |
| S45 | 34912  | cach\$3 near4 ((data ADJ object\$1) OR ((web OR internet OR html OR htm) ADJ (site\$1 OR page\$1 OR document\$1)) OR data OR object\$1)                                                                                                | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:29 |
| S46 | 99     | S44 SAME S45                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:35 |
| S47 | 101597 | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs OR RFID OR RFIDs OR SKU)                                                                          | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:44 |
| S48 | 58     | S47 SAME S45                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:38 |

|     |      |                                                                                                                                                                                             |                                |    |    |                  |
|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|------------------|
| S50 | 3    | (METHOD AND ARRANGEMENT AND GENERATING AND UNIQUE AND IDENTIFIERS).ti.                                                                                                                      | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:39 |
| S51 | 60   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (product\$1 OR UPC OR UPCs OR ISBN OR ISBNs OR RFID OR RFIDs OR SKU) near5 cach\$3                 | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:47 |
| S52 | 0    | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (security ADJ symbol\$1) near5 cach\$3                                                             | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:49 |
| S53 | 0    | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (security near2 symbol\$1) near5 cach\$3                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:49 |
| S54 | 0    | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (security near5 symbol\$1) near5 cach\$3                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:53 |
| S55 | 23   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (security ADJ symbol\$1)                                                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:50 |
| S56 | 0    | ((key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (security ADJ symbol\$1)) SAME cach\$3                                                            | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 17:50 |
| S57 | 73   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (date\$1 OR month\$1 OR year\$1 OR day\$1) near5 cach\$3                                           | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 18:00 |
| S58 | 2181 | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (address\$2 OR street\$1 OR city OR cities OR (zip ADJ code\$1)) near5 cach\$3                     | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/12/01 08:54 |
| S59 | 12   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 (street\$1 OR city OR cities OR (zip ADJ code\$1)) near5 cach\$3                                   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 18:01 |
| S61 | 12   | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 ((geographical SAME address\$2) OR street\$1 OR city OR cities OR (zip ADJ code\$1)) near5 cach\$3 | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 18:08 |



|     |    |                                                                                                                                                                                                    |                                |    |    |                  |
|-----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|------------------|
| S62 | 20 | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 ((geographical SAME address\$2) OR street\$1 OR city OR cities OR (zip ADJ code\$1)) SAME cach\$3         | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 18:09 |
| S63 | 8  | (key\$1 OR identif\$4 OR ID OR IDs OR identification OR attribute\$1 OR common\$2) near5 ((geographical SAME address\$2) OR street\$1 OR city OR cities OR (zip ADJ code\$1)) SAME cach\$3 NOT S61 | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2005/11/30 18:09 |